

Title (en)
ROPE, ELEVATOR ARRANGEMENT AND ELEVATOR

Title (de)
SEIL, AUFZUGSANORDNUNG UND AUFZUG

Title (fr)
CORDE, AGENCEMENT D'ASCENSEUR ET ASCENSEUR

Publication
EP 3243785 B1 20210407 (EN)

Application
EP 16169132 A 20160511

Priority
EP 16169132 A 20160511

Abstract (en)
[origin: EP3243785A1] The invention relates to a belt-shaped rope (1) of an elevator having opposite lateral sides (S1, S2) facing in thickness direction (t) of the rope (1), at least one of the lateral sides (S1, S2) being shaped to have elongated wedge-shaped ribs (2) that are disposed adjacent each other in width direction (w) of the rope (1) and extend parallel with the longitudinal direction (1) of the rope (1), each said wedge-shaped rib (2) having a first flank face (2a) and a second flank face (2b) that are at an acute angle (alfa) relative to each other, and the surface material of said flank faces (2a, 2b) has shore A hardness more than 85 and less than 100. The invention also relates to an elevator arrangement as well as to an elevator, implementing the aforementioned belt-shaped rope (1).

IPC 8 full level
B66B 7/06 (2006.01); **D07B 5/00** (2006.01); **D07B 1/22** (2006.01)

CPC (source: EP US)
B66B 7/062 (2013.01 - EP US); **B66B 9/00** (2013.01 - US); **B66B 15/02** (2013.01 - US); **B66B 15/04** (2013.01 - US);
D07B 5/006 (2015.07 - EP US); **D07B 1/22** (2013.01 - EP US); **D07B 2501/2007** (2013.01 - EP US)

Cited by
US10926976B2; US11485612B2; EP3255007B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3243785 A1 20171115; **EP 3243785 B1 20210407**; CN 109071171 A 20181221; CN 109071171 B 20210604; US 11247870 B2 20220215;
US 2019023535 A1 20190124; WO 2017194611 A1 20171116

DOCDB simple family (application)
EP 16169132 A 20160511; CN 201780028650 A 20170510; EP 2017061199 W 20170510; US 201816137757 A 20180921